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No. V.

APPARATUS FOR SUSPENDING INJURED
LIMBS.

The SILVER MEDAL was presented to Dr. O'CALLAGHAN, 4th Dragoon Guards, for the Invention of an Apparatus for Suspending Injured Limbs.

IN cases of fracture and dislocation of the ankle joint, of ulcerated legs, &c., this apparatus affords great facility for applying the dressings, &c., without disturbing the limb, or occasioning pain to the patient. It will also be found particularly serviceable in cases of fracture of the patella, by effecting an extension of the limb without the aid of splints, which frequently press on the popliteal vessels so as to occasion œdematous swellings of the lower extremity.

Conduit Street, 12th May, 1840.

SOME months ago I had an opportunity of seeing the apparatus invented by Dr. O'Callaghan, of the 4th Dragoon Guards, for elevating and suspending diseased and broken limbs.

I felt that it would be highly useful, and that it deserved encouragement for its great ingenuity and practical importance; and I sincerely hope that it will receive the attention to which it is entitled, from its general utility and easy application.

ASTLEY COOPER.

Bruton Street, 12th May, 1840.

I HAVE much pleasure in stating my very favourable opinion of the simple but ingenious apparatus of Dr. O'Callaghan, for the cleansing and relief of compound fractures of the leg, by change of position, without displacement of the fractured bones. It appears to me to supply a desideratum in surgical practice.

B. TRAVERS.

Westminster Hospital, Monday, 18th May, 1840.

MR. HOLT, House-Surgeon to Westminster Hospital, presents his compliments to the Secretary of the Society of Arts, and begs leave to state that the apparatus described, or rather invented, by Dr. O'Callaghan, 4th Dragoon Guards, has been used in the Westminster Hospital with the most decided success; and that he thinks it a most desirable apparatus for any hospital to possess.

Army Med. Department, 12th May, 1840.

It is consistent with my knowledge that the ingenious and simple apparatus of Dr. O'Callaghan, of the 4th Dragoon Guards, for suspending injured limbs, has been found fully to answer the purposes of the inventor.

JAMES M'GRIGOR,

Director-Gen., Army Med. Department.

4 Berkeley Street, 12th May, 1840.

I HAVE used the apparatus described, indeed invented, by Dr. O'Callaghan, of the 4th Dragoon Guards, in the Westminster Hospital, with the very best effect, for suspending

injured and broken limbs. It gives the greatest ease in many difficult cases; and I beg leave to recommend it in the strongest terms to the attention of other hospital-surgeons, and of the profession.

J. G. GUTHRIE.

Reference to the Figure.

a a, iron stanchions capable of being fixed by screws *b* to any part of the iron bedstead *c c*; *d d*, sheaves at the upper ends of the stanchions; *e e*, cords passing over the sheaves, by which the padded strap *f*, whilst supporting the limb, may be raised at pleasure, and secured at the required elevation, by giving them a turn or two round the cleat-headed screws *b*.

